

Aero Design Ltd.**Work Order Control Sheet****Work Order#:** 2016-25 **Date Opened:** 15 Feb 16 **Title:** Assembly**Aircraft OEM:** Eurocopter **Aircraft Model:** AS350/355 **Product Type:** Cargo Basket, Build/ Assemble **Product Model:** Ski **Quantity:** 1**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification
Time Sheet (R&D)
Notes

Initial or N/A

JR
N/A
JR
JR
N/A
JR
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

JC
JC

Drawing List

Drawing #	Rev #	Description	Initial or N/A
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94010	1	Basket	JR
94011	0	Body	JR
94012	0	Lid	JR
94027	0	Data Plate	JR

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

1
N/A
N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

JR
N/A
N/A
N/A
N/A

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JR
N/A
N/A

Traveller

Install walkway on lid
Install lid on basket body
Re-tap mounting lug holes and install mount lugs
Install handle brackets
Install handle
Install lid prop
Install data plate

Initial or N/A

JR
JR
JR
JR
JR
JR
JR

Work performed by:

Print: Jason RekveSign: Jason RekveSCA: AD01Date: 15-Feb-16

ICC / Dual Inspection performed by:

Print: Jeff ClarkeSign: Jeff ClarkeSCA: AD02Date: 15-Feb-16

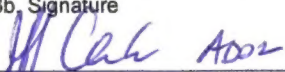
Work Order closed by:

Print: Jason RekveSign: Jason RekveSCA: AD01Date: 15-Feb-16

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-25	
6. Item	7. Description Cargo Basket	8. Part Number 94010-01	9. Qty. 1	10. Serial/Batch No. 94001-56	11. Status/Work New	
12. Remarks Modified with walkway on lid IAW DCL704						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 16 Feb 2016		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

HEU PRODUCTS

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

Work Order: 2016-25

Date Open: 15 Feb 16

OK

1. Lid Assembly

- a. Install lid bumpers on bottom.
 - i. Fill bumper holes with RTV silicone sealant.
 - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
 - i. Locate placard on bracket.
 - ii. Drill #30 through placard and bracket, using holes in placard.
 - iii. Remove placard and de-burr holes in placard and on bracket.
 - iv. Locate placard on bracket, and cleco in place.
 - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
 - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
 - ii. Pull tread plate from stock. Shear tread plate to length.
 - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
 - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
 - v. Mark and drill #30 holes:
 1. 0.25" from edge of tread plate, centre on cross members (0.38")
 2. 0.25" from edge of tread plate, middle of each walkway stringer
 - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using $\frac{1}{4}$ " piloted counter bore on both sides.
 - vii. De-burr holes in lid tubes.
 - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
 - ix. Set tread plate in place, secure with clevos if necessary.
 - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

OK

2. Body Assembly

- a. Install attachment fittings
 - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
 - ii. Run 3/8-24 tap into attachment lugs to clear threads.
 - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
 - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
 1. 90610 (Robinson R44) basket only:
 - a. Install 1 fitting 906?? in lower forward attachment lug only.
 - b. Install 3 96710-01 fittings in remaining locations.
 - v. Torque to ??

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
 - i. Locate 94621-01 Brace over aft cross tube cutout
 - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
 - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

3. Hinge Installation

- a. Prepare hinge.
 - i. Cut hinge to length:
 - 1. 776, 906 – 54"
 - 2. 751, 803 – 70"
 - 3. 698, 764, 945 – 72"
 - 4. 784 – 90"
 - 5. 940, 946, 959 – 95"
 - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
 - i. Locate hinge on basket (standard baskets)
 - 1. centre fore/aft
 - 2. 0.15" – 0.18" up from bottom edge
 - ii. Locate hinge on basket (extra wide baskets)
 - 1. centre fore/aft
 - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
 - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
 - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
 - v. Remove hinge and de-burr holes in hinge and basket rim.
 - vi. Cleco hinge to basket with 5/32 clecos.
 - vii. Install hinge with CherryMax rivets
 - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
 - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
 - i. Locate lid on hinge (all baskets)
 - 1. center fore/aft
 - 2. 0.15" – 0.18" down from top edge
 - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
 - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
 - iv. Remove hinge and de-burr holes in hinge and lid rim.
 - v. Cleco lid to hinge with 5/32 clecos.
 - vi. Install hinge with CherryMax rivets
 - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
 - 2. CR3213-5-02 aluminum rivets – all other locations

- d. Record PO of hinge and rivets on attached material tracking list.



4. Install Handle

a. Install handle brackets.

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

b. Install handle

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

c. Check handle

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.



5. Install lid brace

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

JS

6. Final Inspection

Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
 - i. Bolts are tight
 - ii. Rivets are installed correctly
 - iii. Handle operates correctly
 - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

Work Order: 2016-25Date Opened: 15 FEB 16

Material Tracking Sheet
Eurocopter AS350 / AS355
Extra Large Basket Assembly

1 of 2

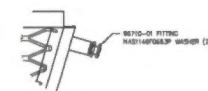
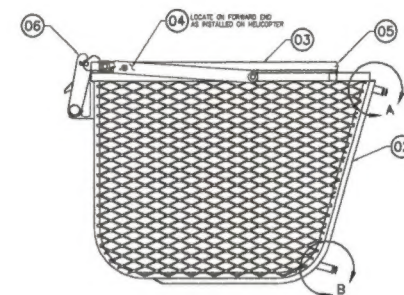
Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
	1		94010-01	Cargo Basket Assembly	S/N 94001-56	
Step 1				<i>Lid Assembly</i>		
	1		94012-01	Basket Lid Assembly		2015-136
Step 1.a.	4		49205-14	Bumper	Argus Industries Bumper	15025
	A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 1.b.	1		94027-01	Placard	0.063 Sheet, 6061-T6 Aluminum	2015-03
	4		CR3213-4-02	Cherry Rivet		15031
Step 1.c.	1		70405-01	Lid Step Modification		
(option)	1		70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	15056
	A/R		CR3213-4-02	Cherry Rivet		15031
	A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 2				<i>Basket Assembly</i>		
Step 2.a.	1		94011-01	Basket Body Assembly		2015-136
	4		96710-01	Fitting	Alternate: Ancra 40088-14	15075
	8		AN960-616	Washer		15074
Step 3				<i>Hinge Installation</i>		
	1		MS20001P4	Piano Hinge	95"	15069
	8		CR3523-5-02	Cherry Rivet		15031
	A/R		CR3213-5-02	Cherry Rivet		15086
Step 4	1		84255-01	<i>Handle Installation</i>		
Step 4.a.	2		84267-01	Bracket	Delrin, 3/4" Sheet	2015-02
	4		AN3-11A	Bolt		14068
	8		NAS1149F0363P	Washer		15031
	4		MS21044N3	Nut		15031

Work Order: 2016-25Date Opened: 15 FEB 16Material Tracking Sheet
Eurocopter AS350 / AS355
Extra Large Basket Assembly

2 of 2

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 4.b.	.. 1		84261-01	Handle Assembly		
	.. 2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	15071
	.. 2		36275-01	Bushing	Brass, 5/16" Dia	13050
	.. 2		AN3-12A	Bolt		13084
	.. 4		NAS1149F0363P	Washer		15031
	.. 2		MS21044N3	Nut		15031
Step 5				Lid Brace Installation		
	. 1		36280-01	Brace Assembly		2015-63
	. 1		AN3-15A	Bolt		14084
	. 1		AN3-17A	Bolt		15031
	. 2		AN970-3	Washer		15014
	. 3		NAS1149F0363P	Washer		15031
	. 2		MS21044N3	Nut		15031
Step 6						
				Inspection	None	

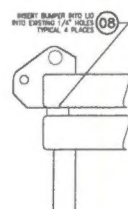
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	UPDATE TITLE BLOCK; ADD ALTERNATE RIVETS; HARDWARE P/N'S UPDATED	BAC	10/8/92
	CHANGE ORANGE ASSEMBLY TO INSTALLATION		



DETAIL A
SCALE 1 : 2
TYPICAL FRONT AND REAR



DETAIL 8
SCALE 1 : 2
TYPICAL FRONT AND REAR



BUMPER INSTALLATION
SCALE 1 : 1

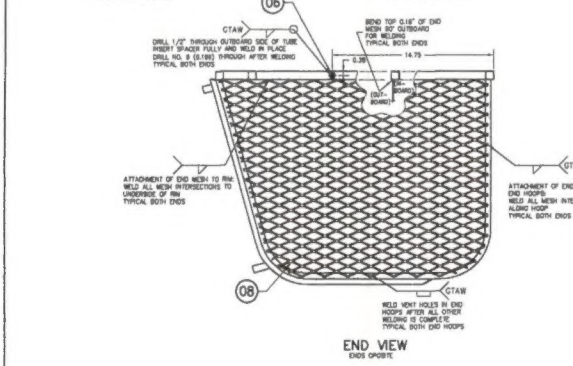
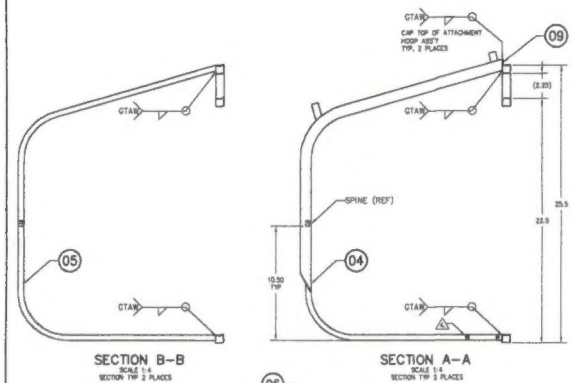
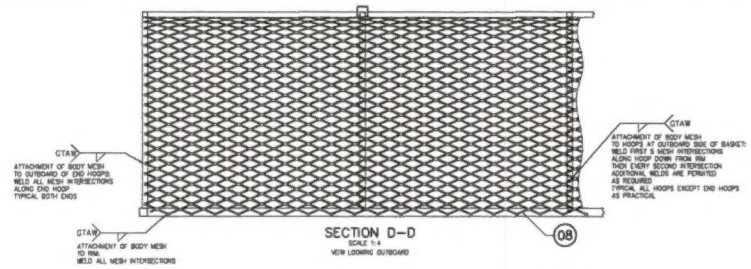


DETAIL C
SCALE 1 : 1
LOOKING AT PLACARD BRACKET

A	BASE	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
4	8720-01	01	PTING	ALUMINATE ANCHOR ACORN-14		
4	87210-1-01	01	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-02	02	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-03	03	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-04	04	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-05	05	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-06	06	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-07	07	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-08	08	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-09	09	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-10	10	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-11	11	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-12	12	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-13	13	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-14	14	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-15	15	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-16	16	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-17	17	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-18	18	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-19	19	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-20	20	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-21	21	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-22	22	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-23	23	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-26	26	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-27	27	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-28	28	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-29	29	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-93	93	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-94	94	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-95	95	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-96	96	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-97	97	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-98	98	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-99	99	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-100	100	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-101	101	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-102	102	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-103	103	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-104	104	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-106	106	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-107	107	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-109	109	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-146	146	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-147	147	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-148	148	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-149	149	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-152	152	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
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4	87210-1-166	166	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-167	167	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-168	168	CHERRY NUT	ALUMINATE ALUMINA HRS32-3-0-02		
4	87210-1-169	169	CHERRY NUT</			

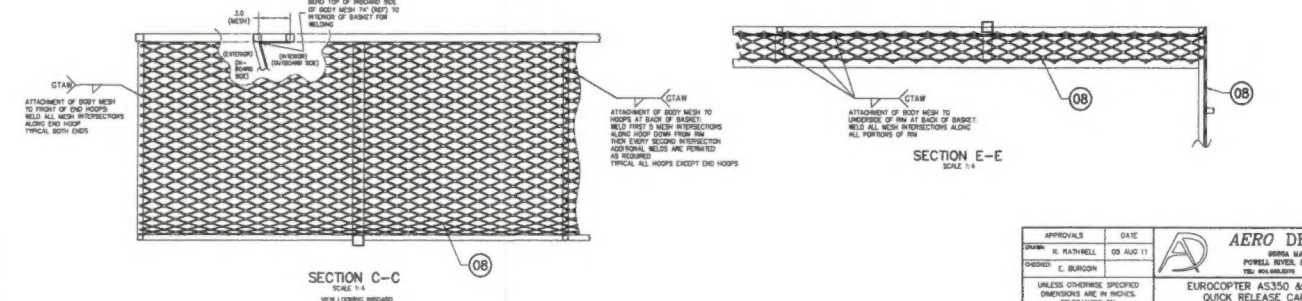
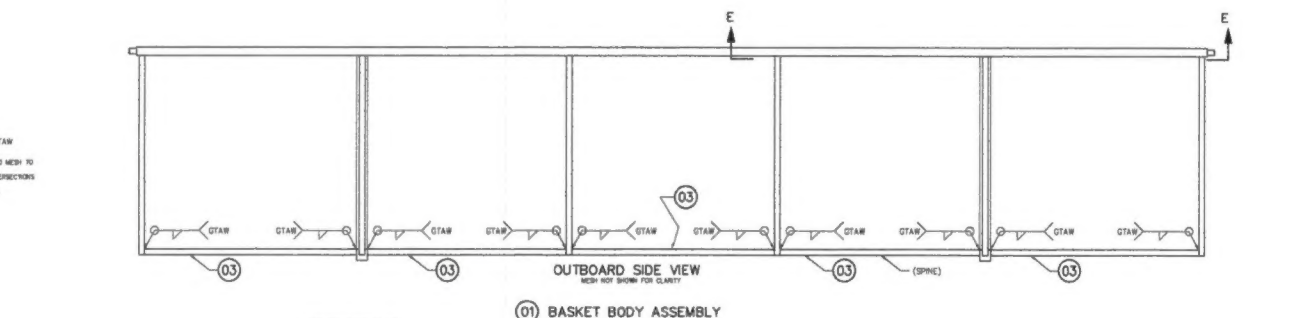
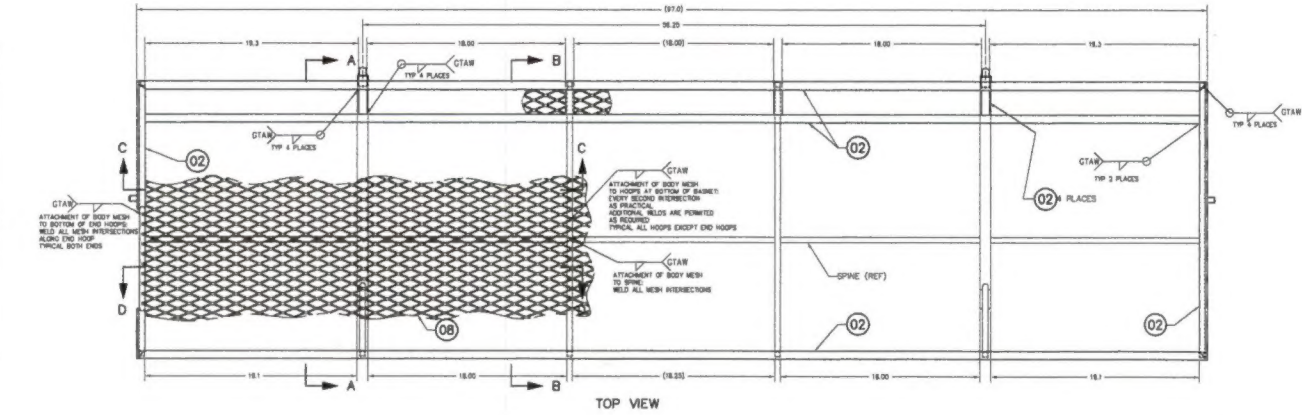
TO/RY		LIST OF MATERIALS	
BASIC CODE REF. N° 143	DASH NO. FOR DIMETER DASH NO. FOR HEAD DASH NO. FOR TAIL	APPROVALS BY: R. KARNWILL DATE: 20 OCT 2001	AERO DESIGN LTD. 6880A MALVERN ROAD FORT LEE, ONT. CANADA, M3A 0G3 TEL: 416-488-2870 www.aerodesign.ca
CHARTER DISTRIBUTION TO BE EMPLOYED	DASH NO. FOR LENGTH	DESIGNED BY: E. BERGSON	
BASIC CODE REF. N° 143-012840 ATN = 030323	<input checked="" type="checkbox"/> RETAIL REV INVT <input checked="" type="checkbox"/> MANUFACTURE/INVT <input type="checkbox"/> CLOSING INVT	UNLESS OTHERWISE SPECIFIED DIMENSIONS IN MILLIMETERS TOLERANCES ON: L: 0.010 R: 0.015 S: 0.01 S: 0.01	EUROCOMP AT3350 & A3355 SERIES QUICK RELEASE CARBON BASED BASKET ASSMPLY (EXTRA LARGE)
		SCALE: 1/1 SHEET: 1 OF 1	DATE: 20 OCT 2001 DRAWN BY: AO CHECKED BY: 94010 REV: 1

REV	DESCRIPTION OF CHANGE	INITIALS	DATE
1	INITIAL ISSUE		
2	TITLE BLOCK UPDATED: WELDING HOOP UPDATES: PREFERENCE DATA ADDED	BAC	11/07/2014
3	FIRST NUMBERS UPDATED: WELDS DOWN BONES INCREASED		



- NOTES:
1. REMOVE ALL BURRS AND BRUSH SHARP EDGES.
 2. PRIOR TO WELDING, DRILL AND (1/8) INCH VENT HOLES IN ASSEMBLY FOR VENTING OF WELD GASES. WHEN ASSEMBLY IS COMPLETE, FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD.
 3. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AWT 5000C.
 4. 4130 AND 1018 STEEL WELDING HOOP SHALL CONFORM TO AWS-2 OR EQUIVALENT.
 5. STAINLESS AND 4130 STEEL WELDING HOOP SHALL CONFORM TO ENDS OR EQUIVALENT.
 6. INSTALL TYP 1 (DIAMETER HANDLE PROVISIONS ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84251 BEFORE WELDING HOOPS TO RIM.
 7. FINISH THOROUGHLY CLEAN AND POWDER COAT BASKET ASSEMBLY.

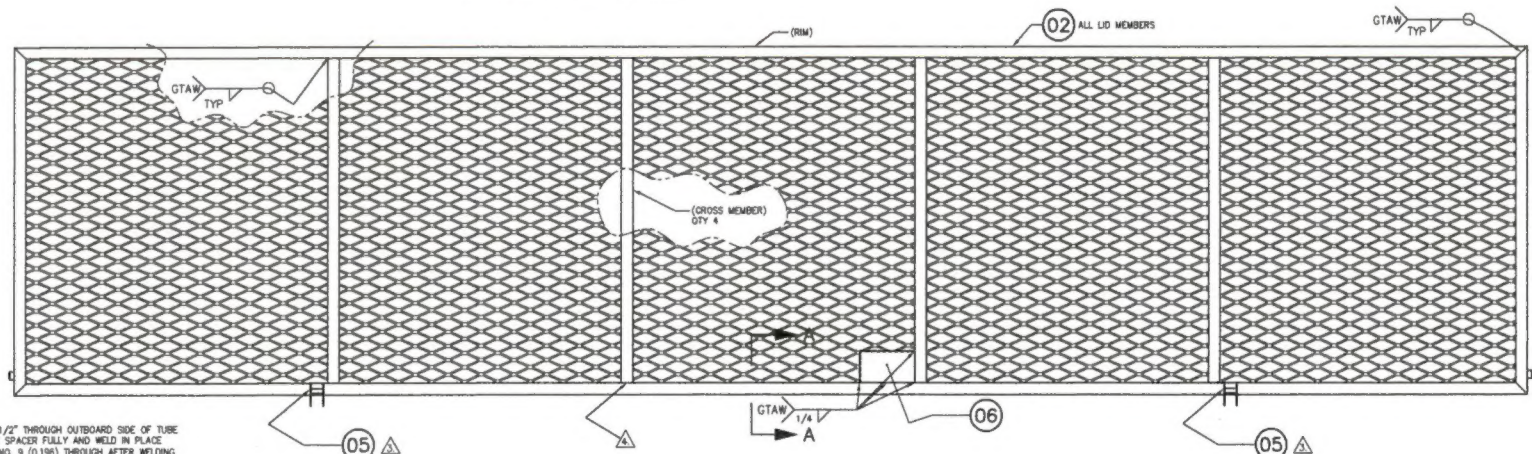
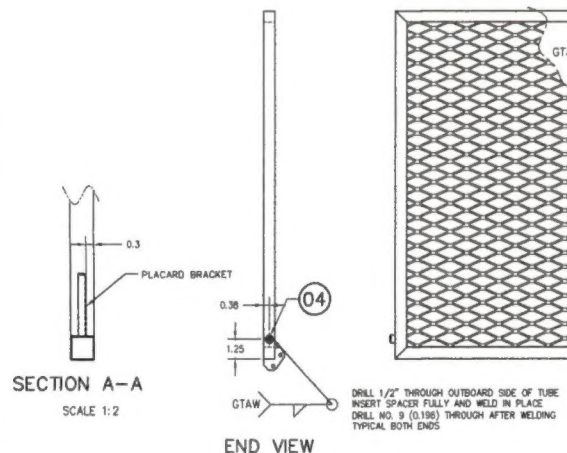
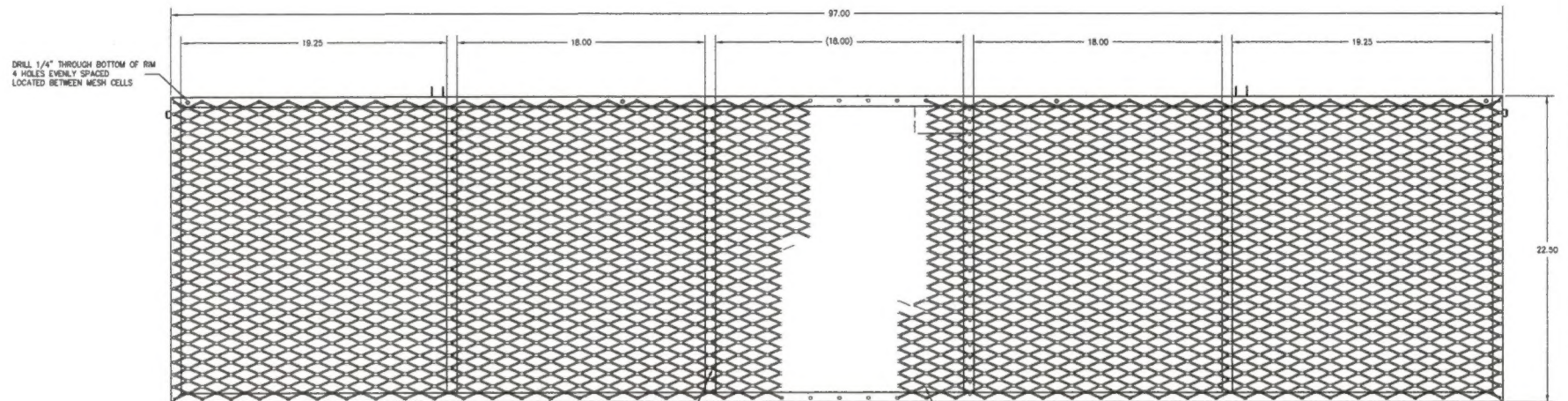
QTY	PART NO.	REV.	DESCRIPTION	MATERIAL/NOTE	MATERIAL SPEC.	STOCK SIZE
1	84201-01	01	BASKET BODY ASSEMBLY			
1	84201-02	01	BASKET BODY ASSEMBLY			
1	84201-03	01	BASKET BODY ASSEMBLY			
1	84201-04	01	BASKET BODY ASSEMBLY			
1	84201-05	01	BASKET BODY ASSEMBLY			
1	84201-06	01	BASKET BODY ASSEMBLY			
1	84201-07	01	BASKET BODY ASSEMBLY			
1	84201-08	01	BASKET BODY ASSEMBLY			
1	84201-09	01	BASKET BODY ASSEMBLY			
1	84201-10	01	BASKET BODY ASSEMBLY			



APPROVALS	DATE	REVISIONS	DATE
DESIGNED BY: R. RATHNELL	03 AUG 11	1	
CHECKED BY: E. BURTON		2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:			
DECIMALS	INCHES		
0.001	±0.010	±1/2"	
0.005	±0.033		
0.010	±0.1		
SCALE 1:4	DATE	REV.	
SHEET 1 OF 1	AO	94011	1

AERO DESIGN LTD.
 8000 HAZELTON ROAD
 PORTER, ONTARIO, CANADA, M7A 0C5
 TEL: 905.488.0078
 WWW.AERODESIGN.CO
 EUROCOPTER AS330 & AS350 SERIES
 QUICK RELEASE CARGO BASKET
 BASKET BODY ASSEMBLY (EXTRA LARGE)

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DISSEMINATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; CHANGED 35273-01 TO 84263-01; ITEM #S ADDED	BJC	10/07/2014
	WELDING ROD UPDATED; # OF WELDS DOWN BRACE TUBES INCREASED		



NOTES:

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. 4130 AND 1018 STEEL: WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT. STAINLESS AND 4130 STEEL: WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
3. INSTALL ITEM 5 (LID HANDLE PROVISIONS ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84263.
4. DRILL #30 (0.129) HOLES IN LONG TUBE MEMBERS AT BRACE LOCATIONS TO VENT WELD GASSES. WHEN ASSEMBLY IS COMPLETE, FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD.
5. FINISH: THOROUGHLY CLEAN AND POWDER COAT LID ASSEMBLY.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	35204-10	08	PLACARD BRACKET			
1	84263-01	05	LID HANDLE PROVISIONS ASSEMBLY			
2	49216-01	04	SPACER	MILD STEEL	COMMERCIAL	
A/R	3/4 - 16F	03	MESH	4130 STEEL COND. N	MIL-T-6736	0.75 X 0.035 SQR TUBE
A/R	94012-01	01	LID ASSEMBLY			

APPROVALS		DATE	AERO DESIGN LTD.	
DRAWN: R. RATHWELL		05 AUG 11	8088A MALASPINA ROAD	
CHECKED: E. BURGON			POWELL RIVER, BC, CANADA, V8A 0G3	
			TEL: 804.483.3378	
			www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.			EUROCOPTER AS350 & AS355 SERIES	
TOLERANCES ON:			QUICK RELEASE CARGO BASKET	
DECIMALS			LID ASSEMBLY (EXTRA LARGE)	
X.XXX ±0.010			SCALE 1 : 4	
X.XX ±0.03			DWG. SIZE	
X.X ±0.1			DWG. NO.	
			SHEET 1 OF 1	
			A1 94012 1	

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	UPDATE TITLE BLOCK; UPDATE ADDRESS AND LOGO; MAT'L THICKNESS CHANGED	BJC	10/07/2014

NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:
"QUICK RELEASE BASKET" - 0.125 HIGH
"EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH
"S/N 94001-XX" - 0.080 HIGH
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH
"300 LBS/136 KG" - 0.200 HIGH
"AERO DESIGN LTD." - 0.125 HIGH
"POWELL RIVER, BC, CANADA" - 0.080 HIGH
"www.aerodesign.ca" - 0.080 HIGH


DRILL #30 (0.129)
4 PLACES



01 PLACARD

94027-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

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	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1					
	SCALE 1 : 1 SHEET 1 OF 1			DWG. SIZE A4	DWG. NO. 94027	REV. 1